

Title (en)
ODORLESS LID

Title (de)
GERUCHSFREIER DECKEL

Title (fr)
COUVERCLE ANTI-ODEUR

Publication
EP 3799556 A1 20210407 (FR)

Application
EP 19756224 A 20190712

Priority
• FR 1856413 A 20180712
• FR 2019051752 W 20190712

Abstract (en)
[origin: WO2020012135A1] The present invention relates to the field of air filtration, in particular in cooking appliances, such as for example deep fryers. In particular, the present invention relates to an odorless lid (100) suitable for any container that allows odors or volatile compounds to escape and more particularly for any food cooking appliance, said odorless lid (100) comprises a filtering material (200) consisting of particles having a core-shell structure, wherein the activated carbon core is surrounded by a shell of a mesoporous sol-gel material based on functionalized or non-functionalized silica.

IPC 8 full level
A47J 36/02 (2006.01); **A47J 36/06** (2006.01)

CPC (source: EP KR US)
A47J 36/02 (2013.01 - EP KR US); **A47J 36/062** (2022.01 - EP KR US); **B01D 39/2062** (2013.01 - KR); **B01D 39/2068** (2013.01 - KR);
B01J 20/20 (2013.01 - US); **B01J 20/28007** (2013.01 - US); **B01J 20/28019** (2013.01 - US); **B01J 20/3204** (2013.01 - US);
B01J 20/3272 (2013.01 - US); **B01J 20/3293** (2013.01 - US); **C01B 33/14** (2013.01 - KR)

Citation (search report)
See references of WO 2020012135A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2020012135 A1 20200116; AU 2019300427 A1 20210225; AU 2019300427 A2 20210311; CA 3106068 A1 20200116;
CN 112423634 A 20210226; EP 3799556 A1 20210407; FR 3083682 A1 20200117; FR 3083682 B1 20201211; KR 20210044768 A 20210423;
US 2021267412 A1 20210902

DOCDB simple family (application)
FR 2019051752 W 20190712; AU 2019300427 A 20190712; CA 3106068 A 20190712; CN 201980046668 A 20190712;
EP 19756224 A 20190712; FR 1856413 A 20180712; KR 20217000986 A 20190712; US 201917257988 A 20190712